

FIG. 1

## Sketch of Droplet Formation & Ejection from Ink-Jet Printing Device

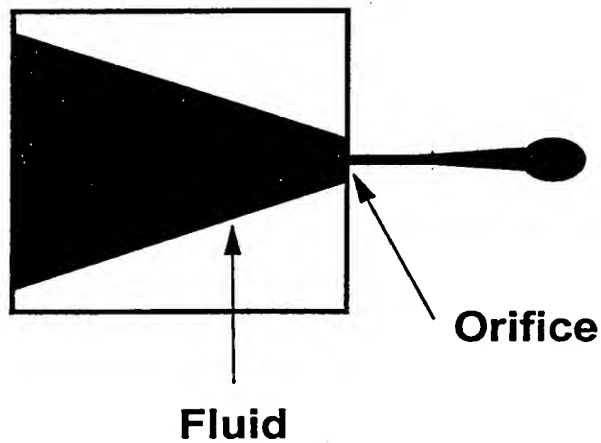


FIG. 2

# LENS MATERIALS ISSUES

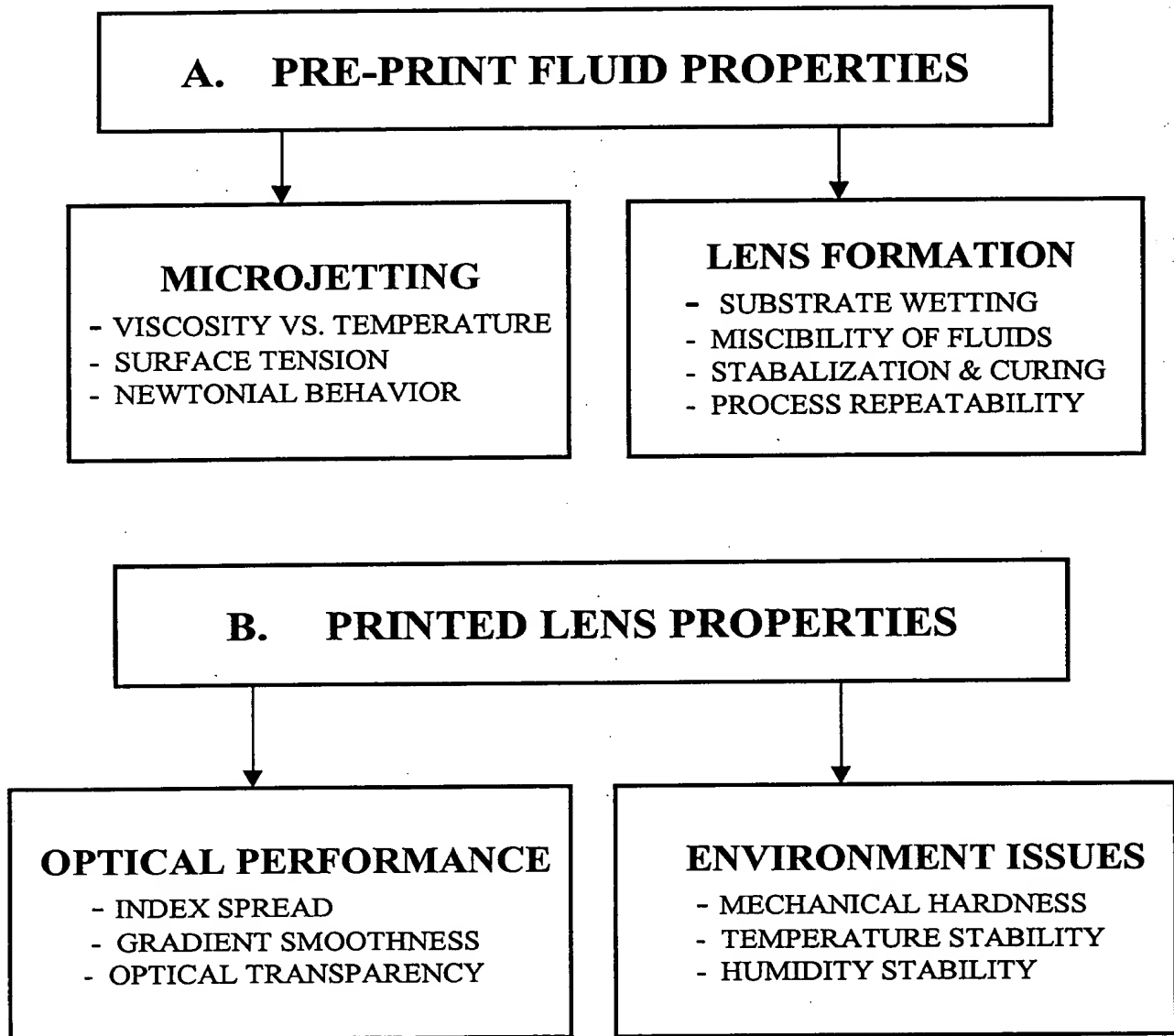
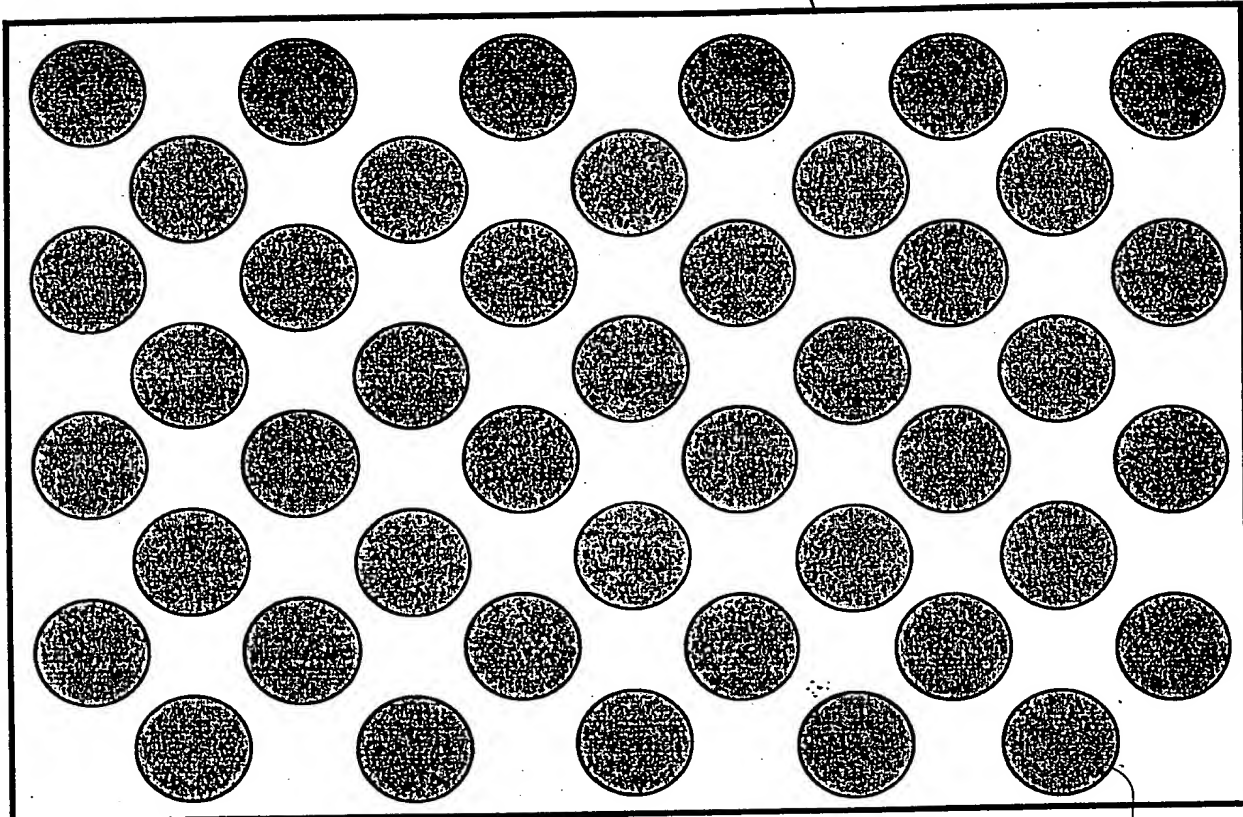


FIG. 12

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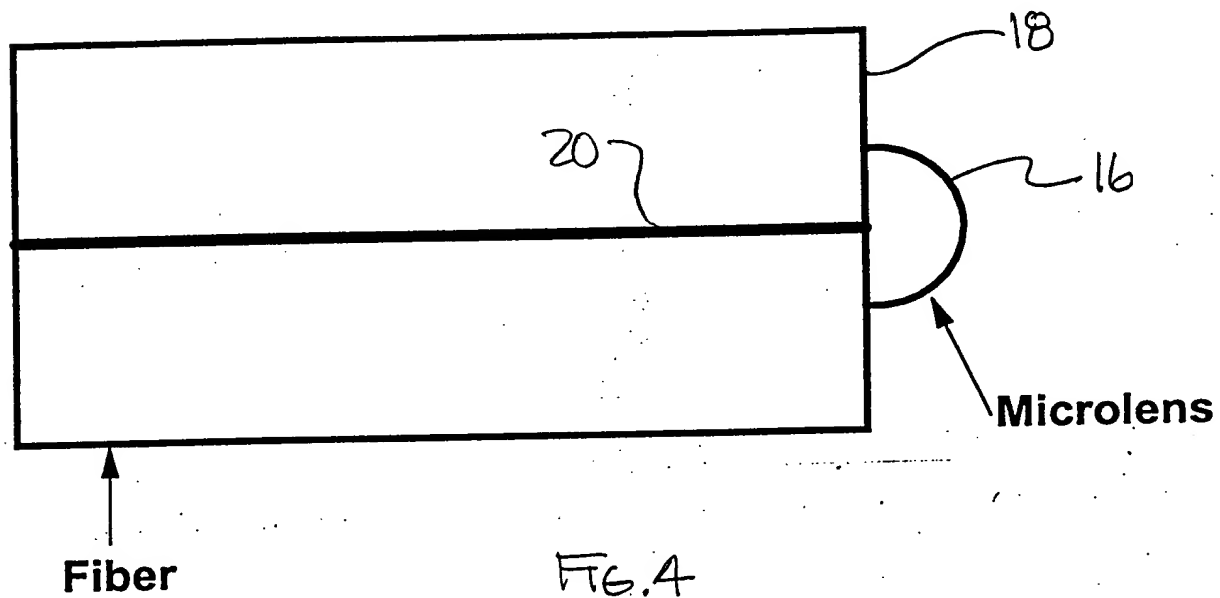


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FIG. 3

00792246 004394

# Microlens Printed on Tip of Single-Mode Fiber to Increase Numerical Aperture



Print N1 Material (print head #1)

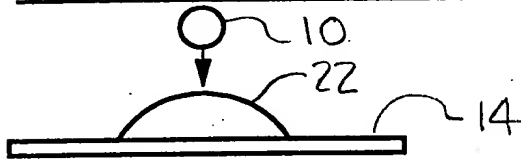


FIG. 5

Single-Index Lens

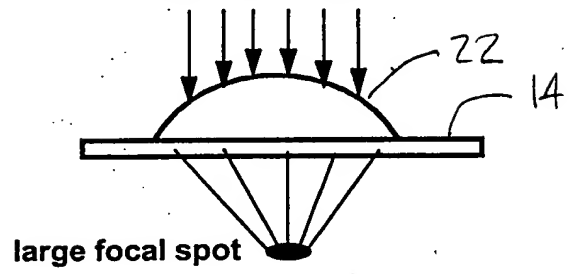


FIG. 8

Print N2 Material (print head #2)

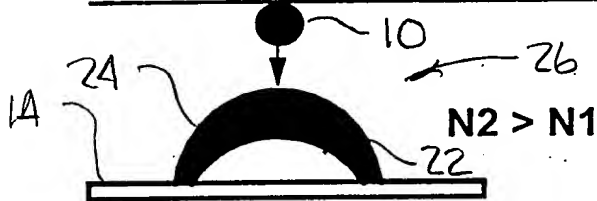


FIG. 6

Gradient-Index Lens

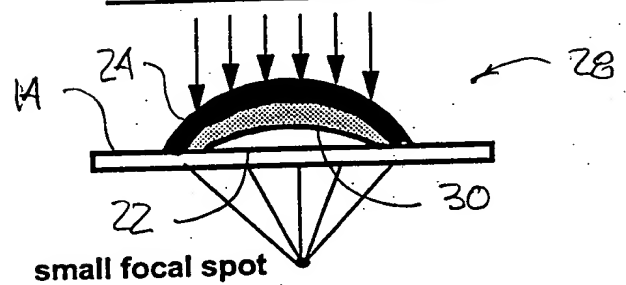


FIG. 9

Diffuse and UV-Cure

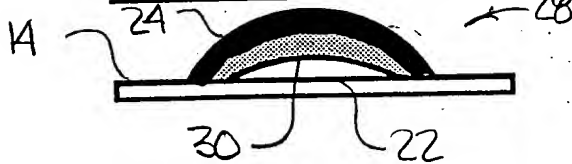


FIG. 7

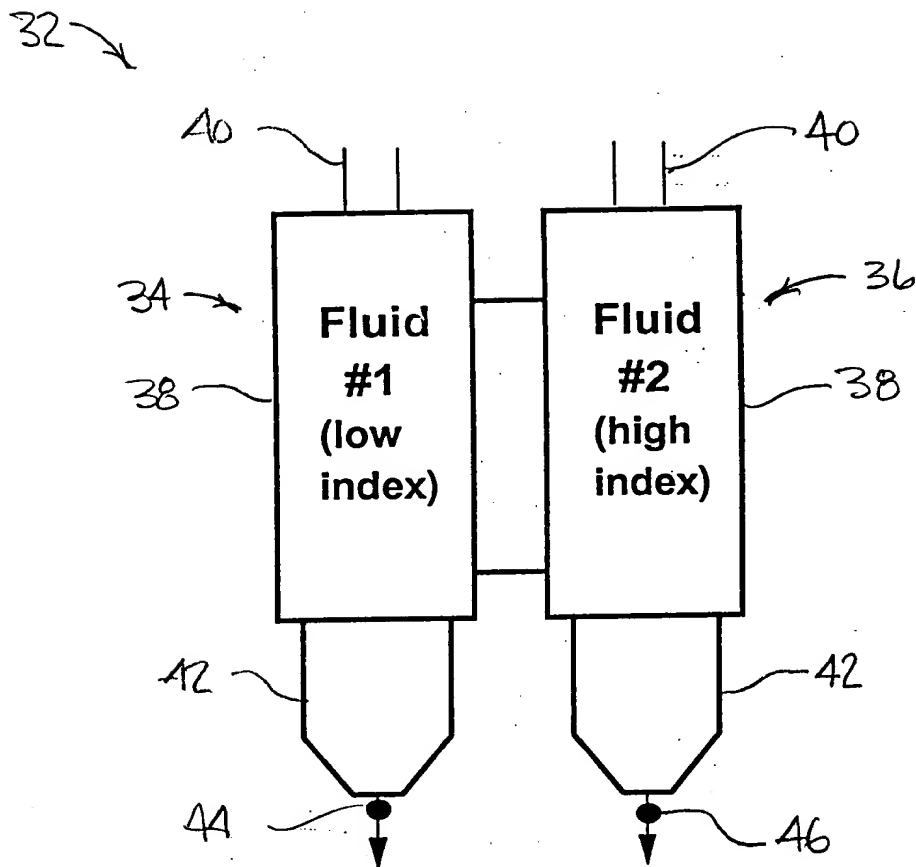


FIG. 10

TOP SECRET

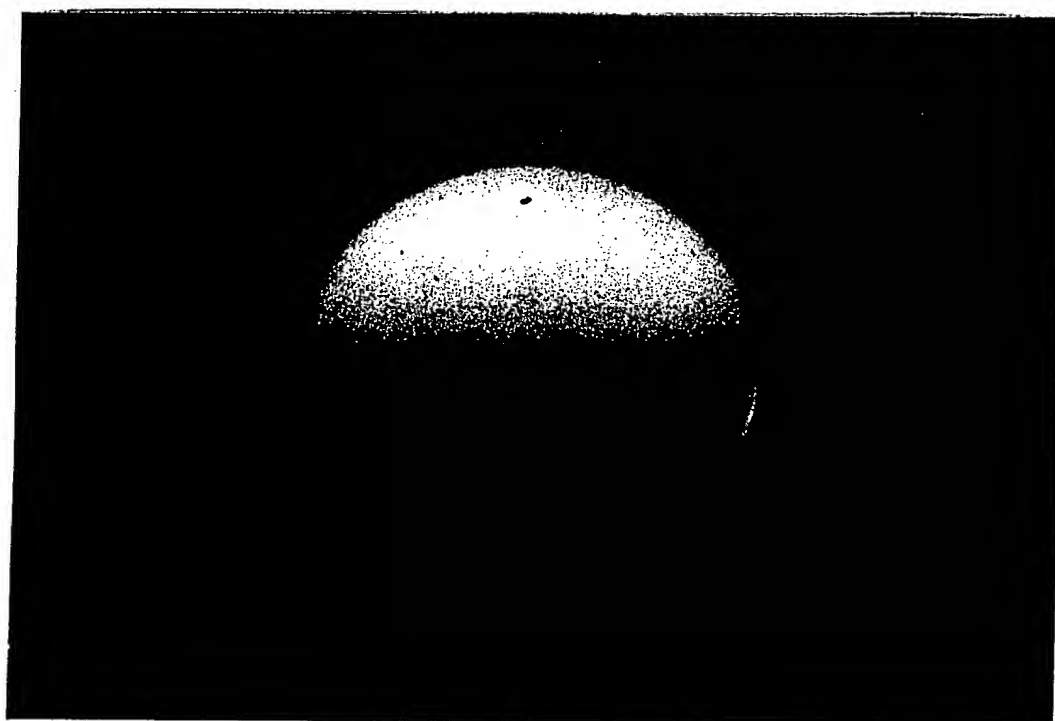


FIG. 11